# FIGURE 1

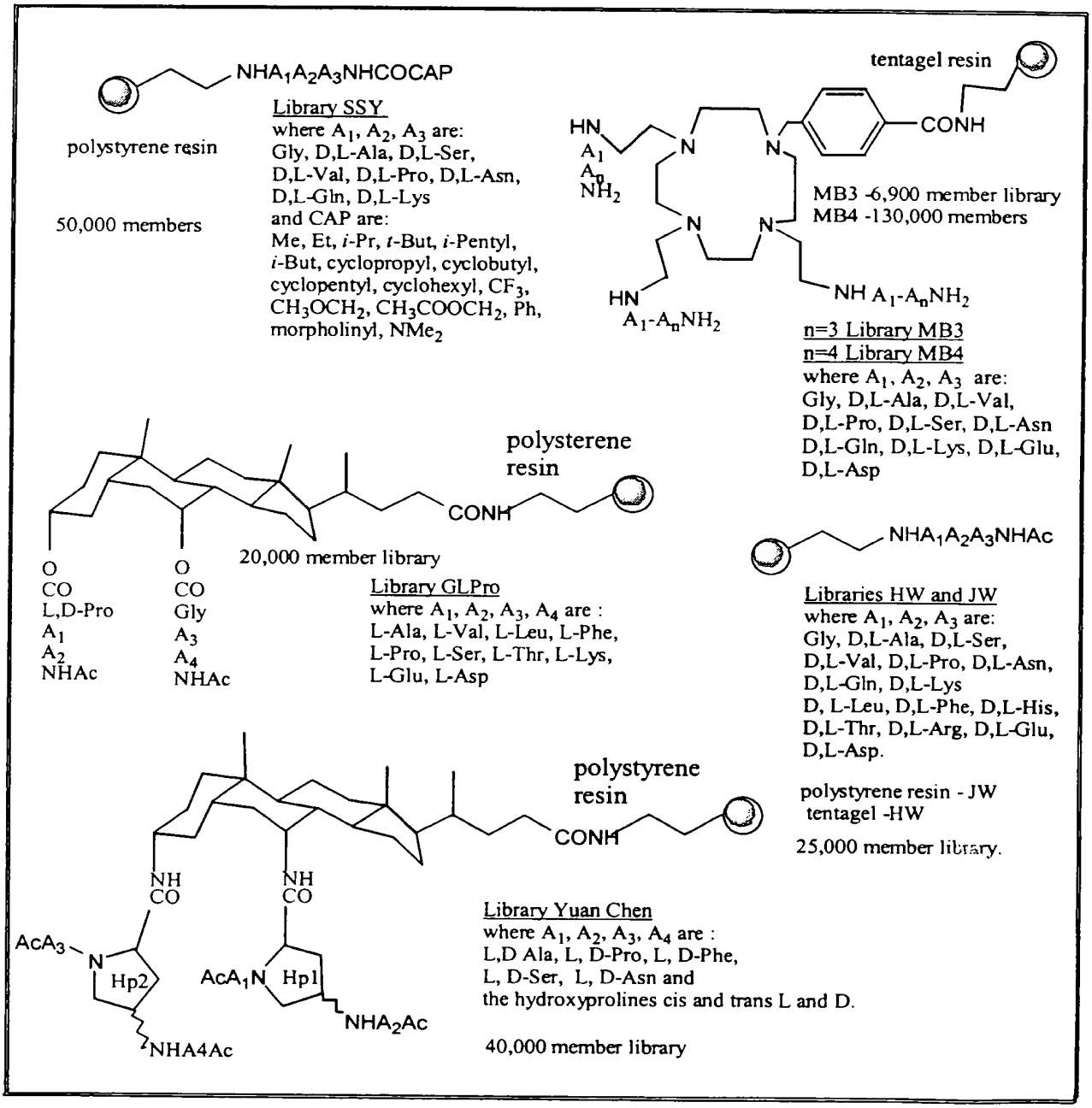
NHA1A2A3NHCOCAP
polystyrene resin
50,000 members
Library SSY
where A1, A2, A3 are:
Gly, D,L-Ala, D,L-Ser,
D,L-Val, D,L-Pro, D,L-Asn,
D,L-Gln, D,L-Lys
and CAP are:
Me, Et, i-Pr, t-But, i-Pentyl,
i-But, cyclopropyl, cyclobutyl,
cyclopentyl, cyclohexyl, CF3,
CH3OCH2, CH3COOCH2, Ph,
morpholinyl, NMe2
tentagel resin
CONH
HN
A1
An
NH2
N
N
N
N
HN
A1-AnNH2
NH A1-AnNH2
MB3 -6,900 member library
MB4 -130,000 members
n=3 Library MB3
n=4 Library MB4
where A1, A2, A3 are:
Gly, D,L-Ala, D,L-Val,
D,L-Pro, D,L-Ser, D,L-Asn
D,L-Gln, D,L-Lys, D,L-Glu,
D,L-Asp
polysterene
resin
CONH
20,000 member library
O
CO
L,D-Pro
A1
A2
NHAc
O
CO
Gly
A3
A4
NHAc
Library GLPro
where A1, A2, A3, A4 are :
L-Ala, L-Val, L-Leu, L-Phe,
L-Pro, L-Ser, L-Thr, L-Lys,
L-Glu, L-Asp
NHA1A2A3NHAc
Libraries HW and JW
where A1, A2, A3 are:
Gly, D,L-Ala, D,L-Ser,
D,L-Val, D,L-Pro, D,L-Asn,
D,L-Gln, D,L-Lys
D, L-Leu, D,L-Phe, D,L-His,
D,L-Thr, D,L-Arg, D,L-Glu,
D,L-Asp.
polystyrene
resin
CONH
NH
CO
NH
CO
AcA3
N
Hp2
NHA4Ac
AcA1N
Hp1
NHA2Ac
polystyrene resin - JW
tentagel -HW
25,000 member library.
Library Yuan Chen
where A1, A2, A3, A4 are :
L,D Ala, L, D-Pro, L, D-Phe,
L, D-Ser, L, D-Asn and
the hydroxyprolines cis and trans L and D.
40,000 member library

FIGURE 2

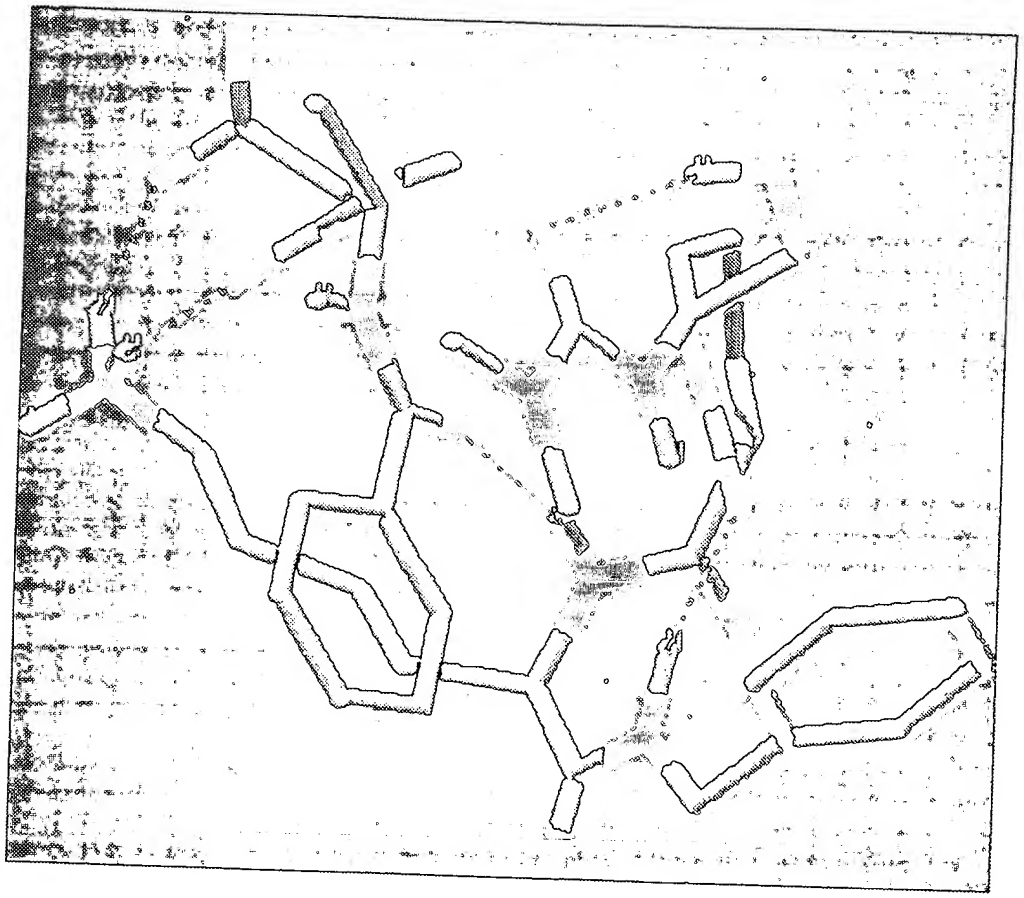

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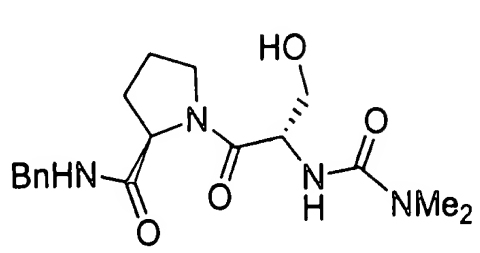
FIGURE 3

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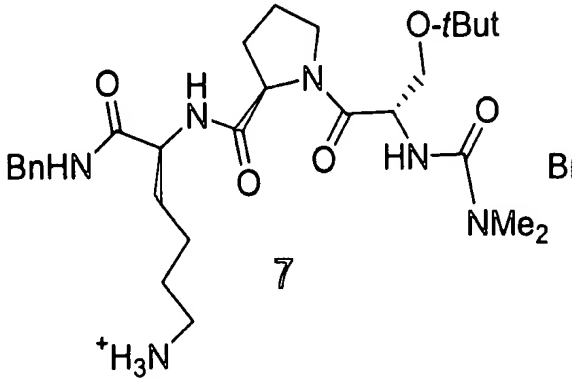


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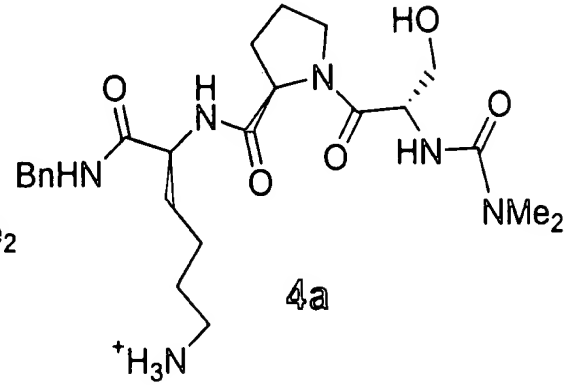
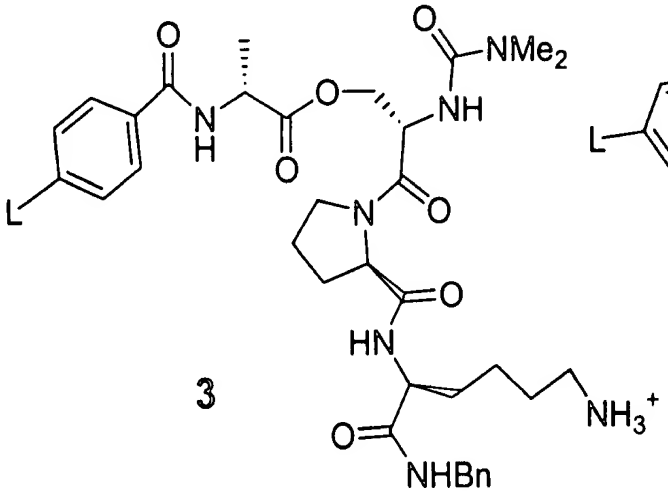



4a

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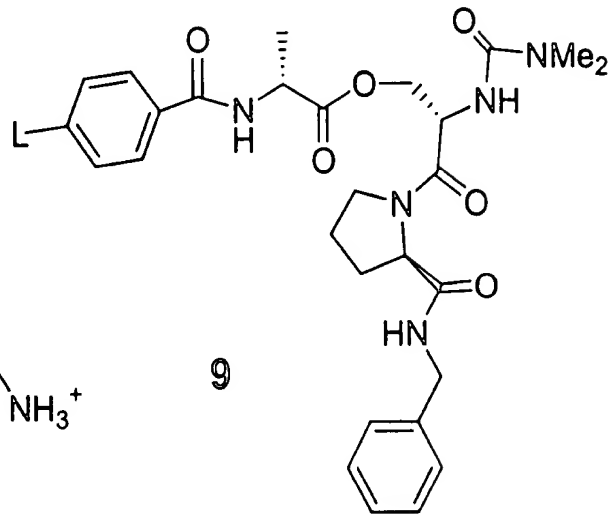


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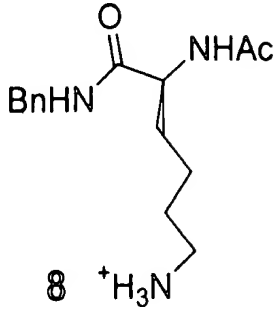
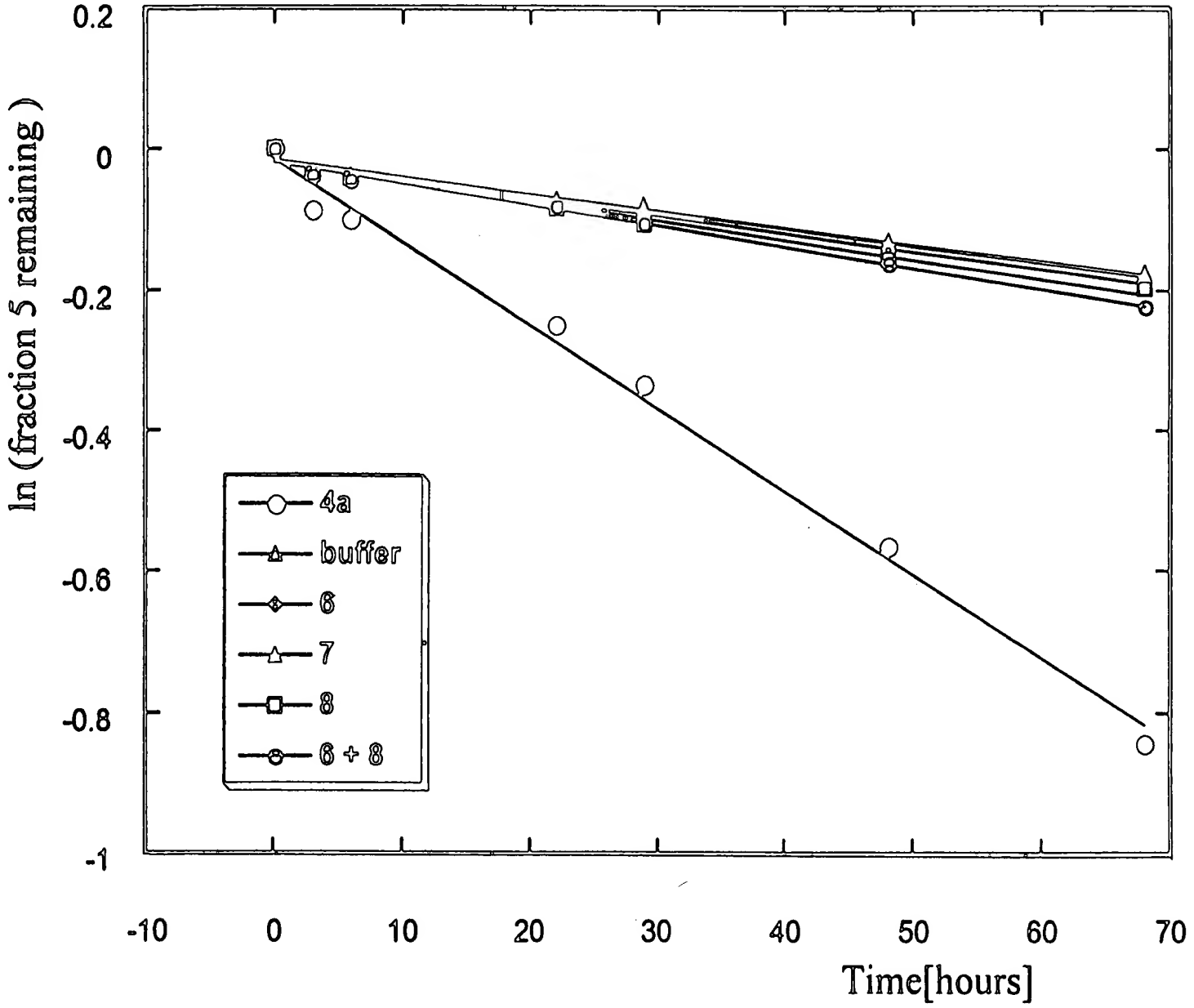



8

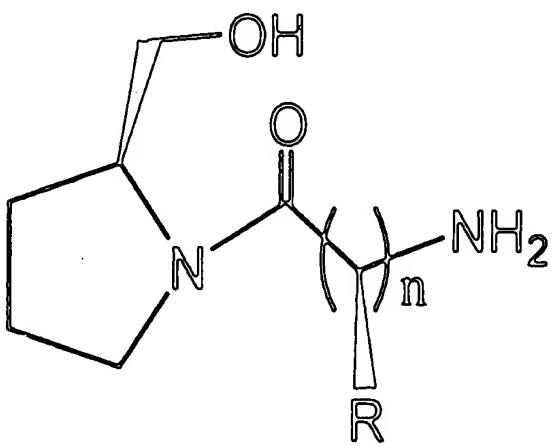
FOE280'9h/88660

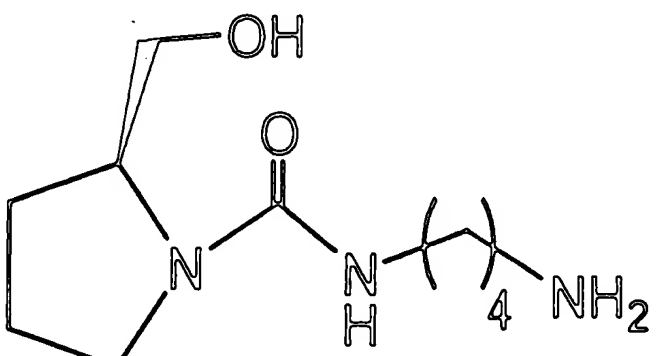
FIGURE 4



TOE280' 9h78E660

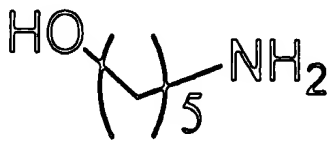
FIGURE 5




n=1 and R=$CH_3$ SProDAla
n=1 and R=H SProC1
n=2 and R=H SProC2
n=3 and R=H SProC3
n=4 and R=H SProC4
n=5 and R=H SProC5
n=6 and R=H SProC6

SProUC4




C5

5DC390' 9h7986690

FIGURE 6

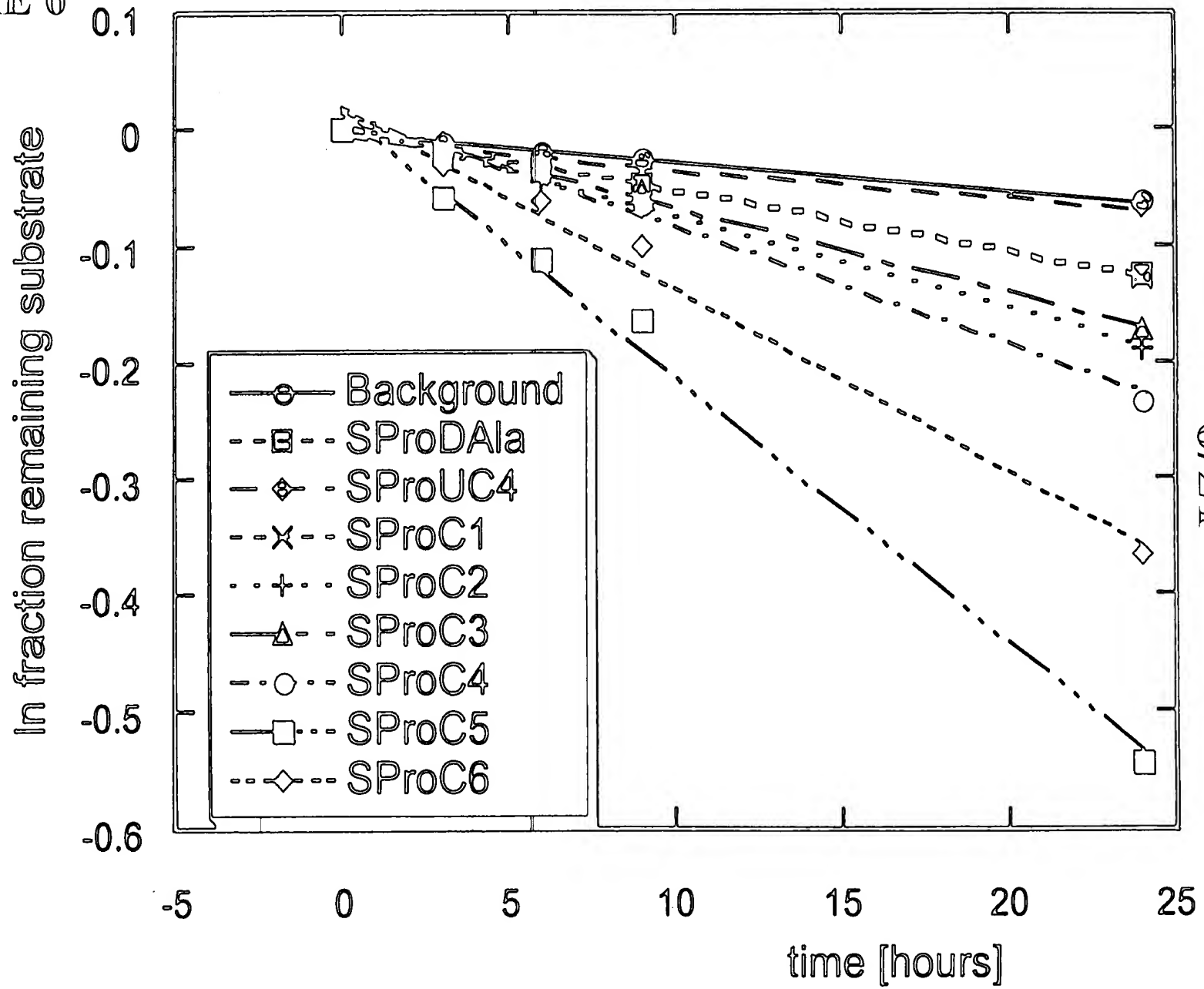
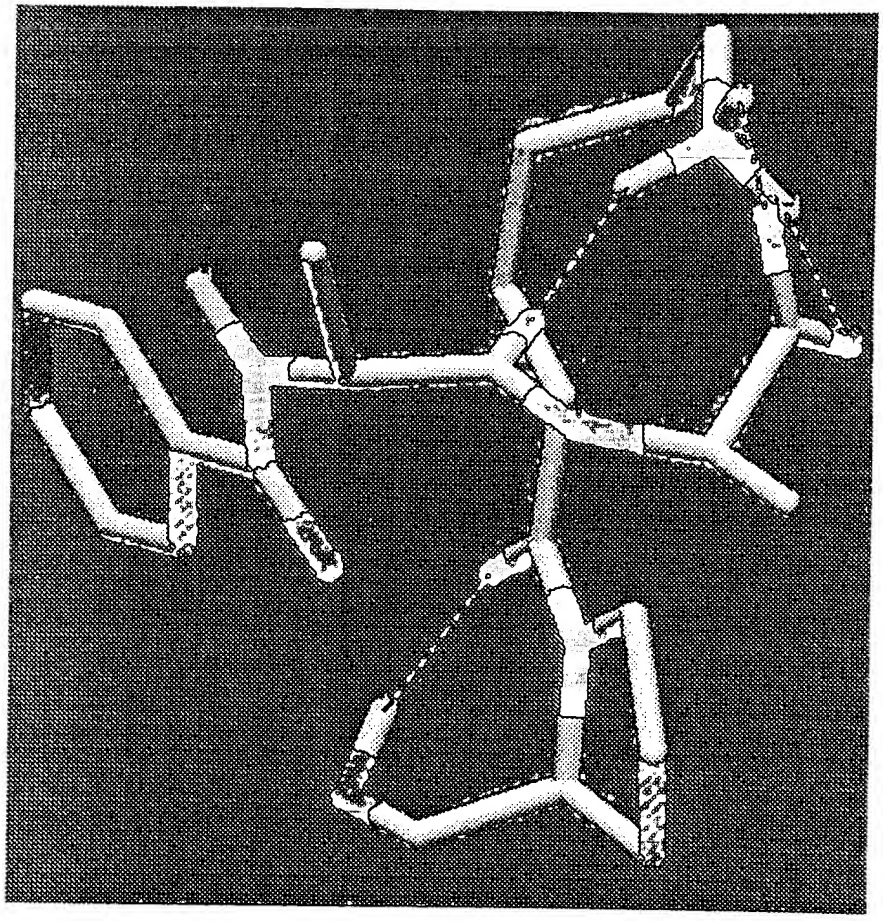


FIGURE 7



WO 2004/094594 PCT/US2004/012001

FIGURE 8A

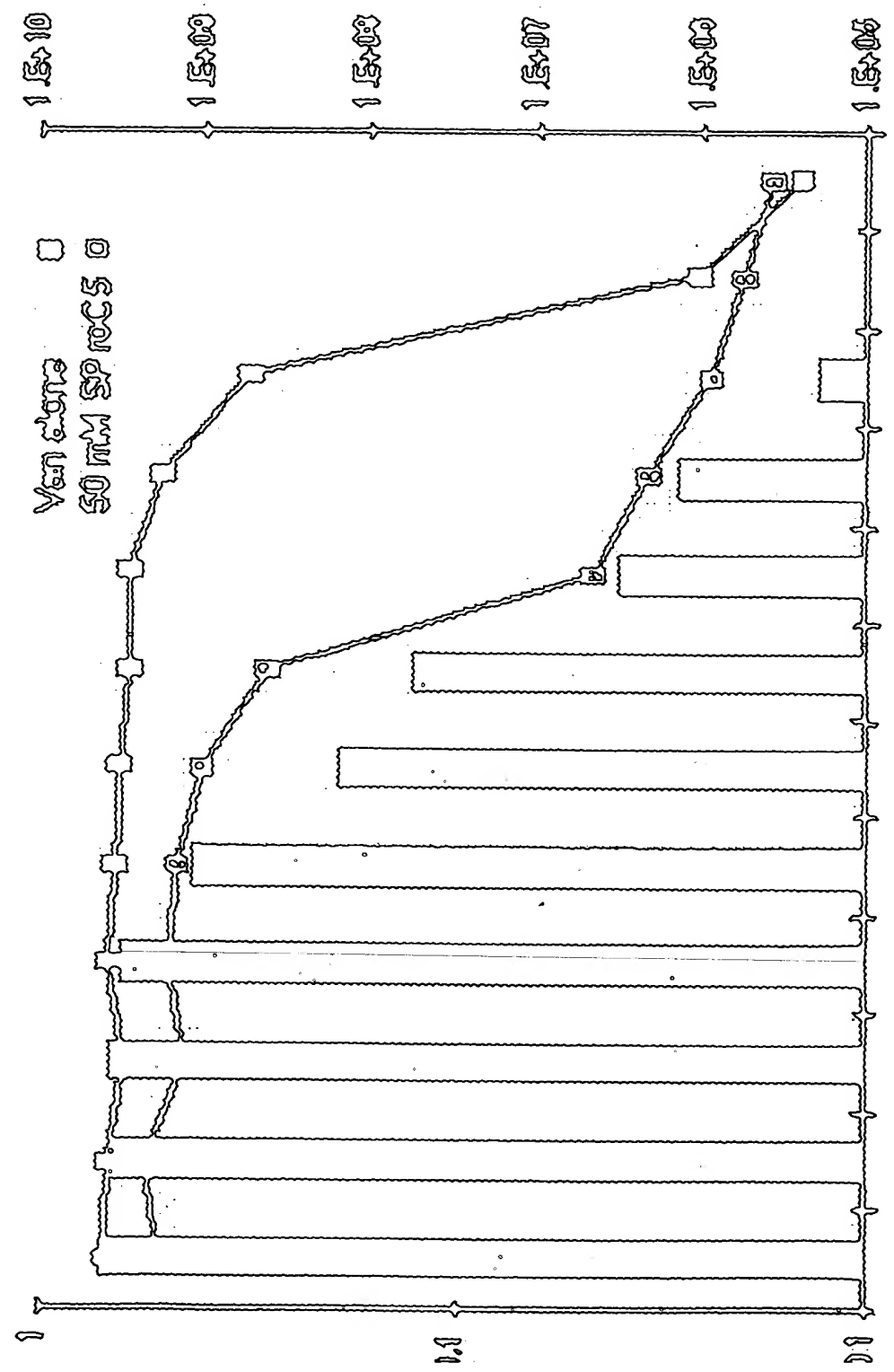
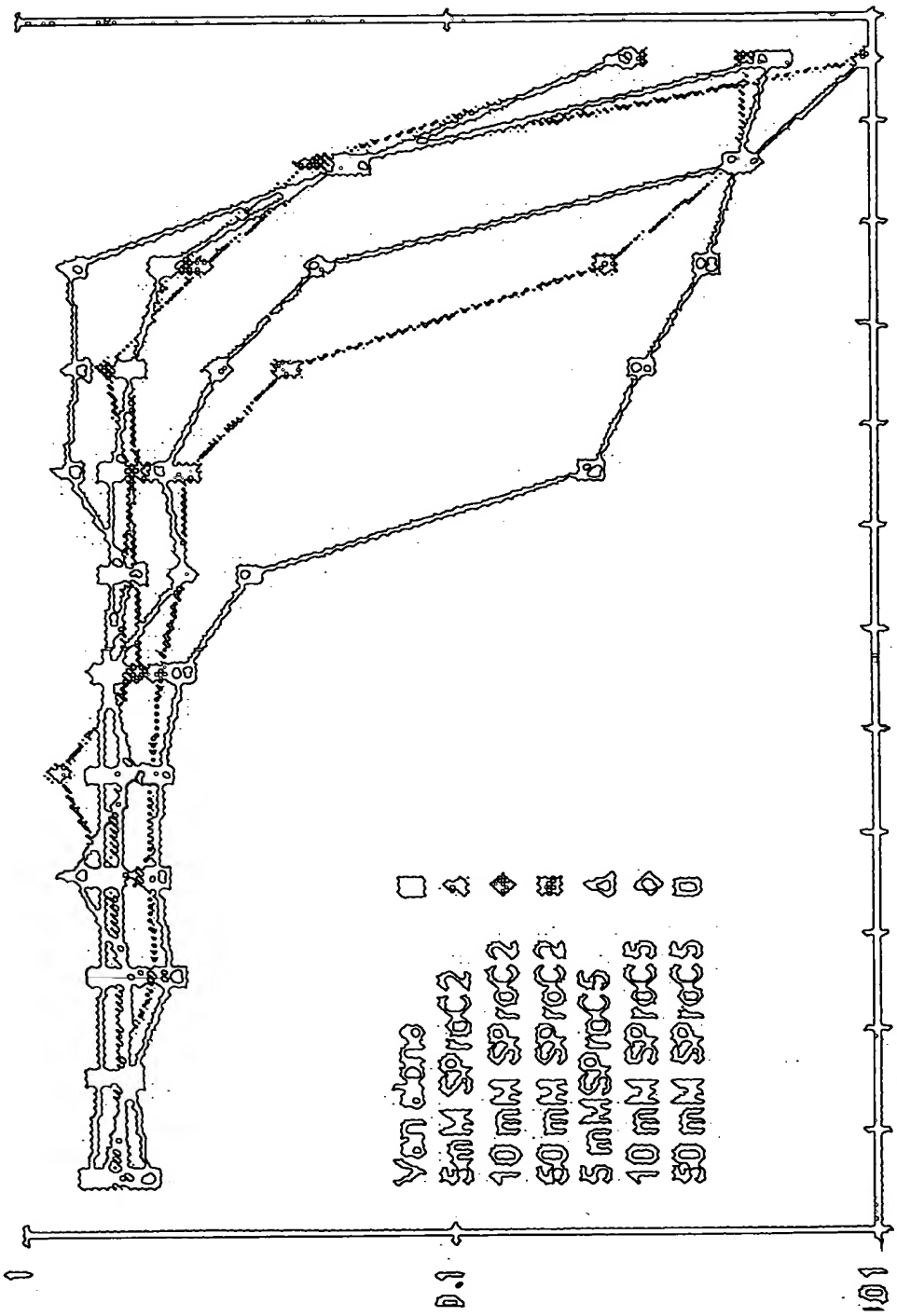
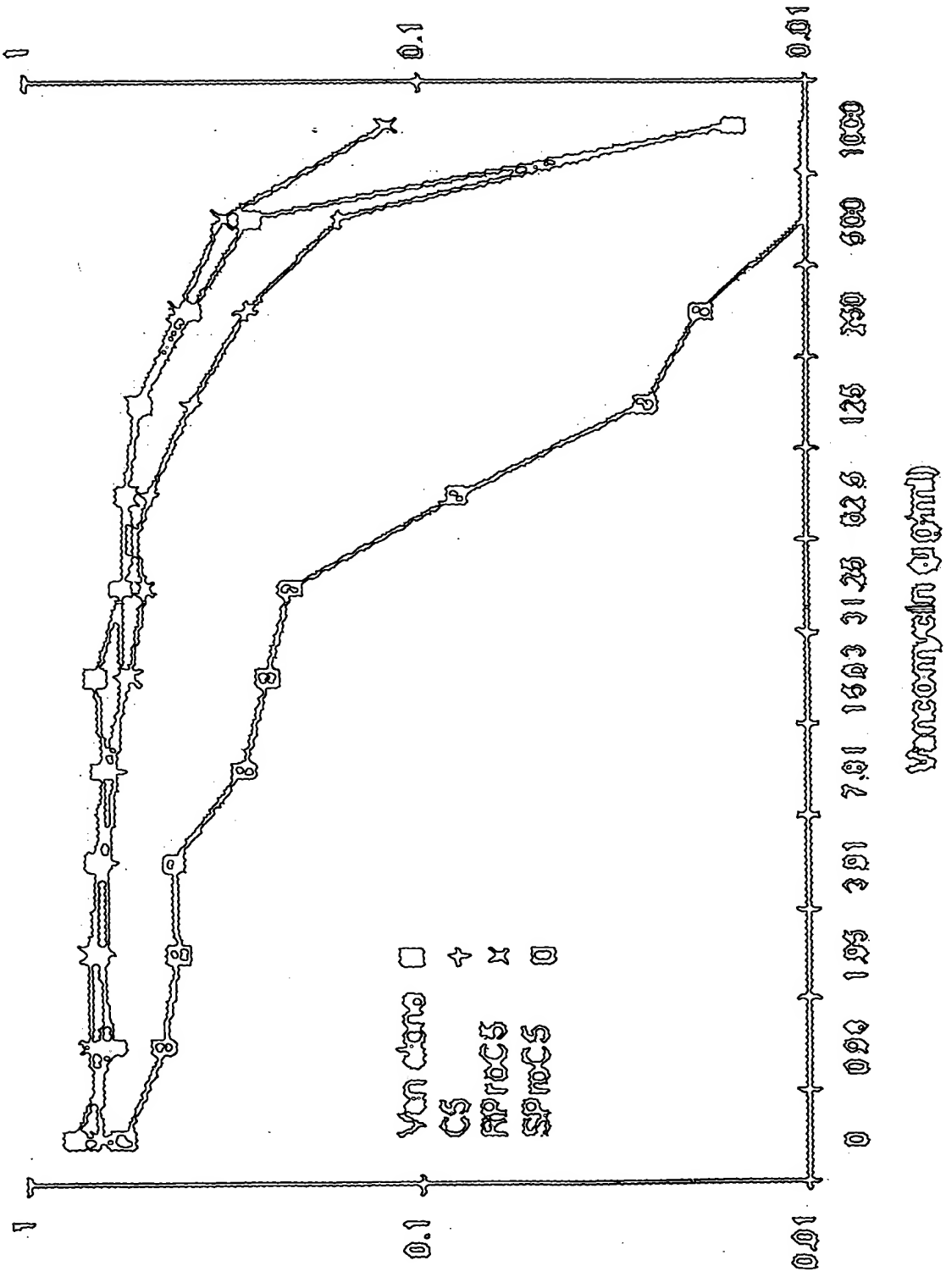

1 E+10
1 E+09
1 E+08
1 E+07
1 E+06
1 E+05
Van data
50 mM Spacer
0
0.97
1.93
3.91
7.81
15.63
31.25
62.5
125
250
500
1000
1
1.1
1.1

FIGURE 8B




PCT/US01/15760

FIGURE 8C


1
0.1
0.01
0 0.01 1.95 3.91 7.81 15.63 31.25 62.5 125 250 500 1000
Vancomycin (µg/ml)
Vancomycin
CS
NPACS
SPACS

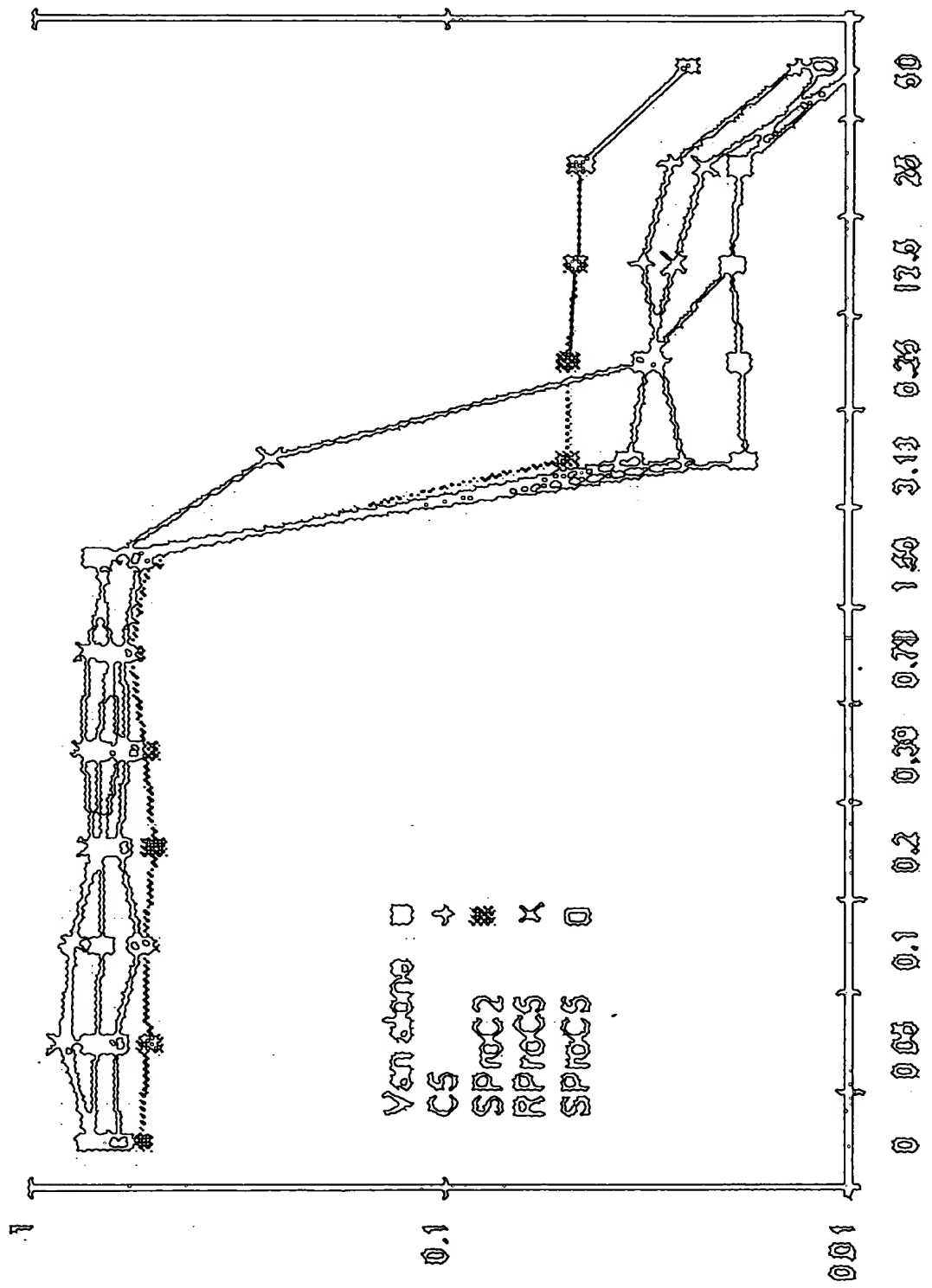
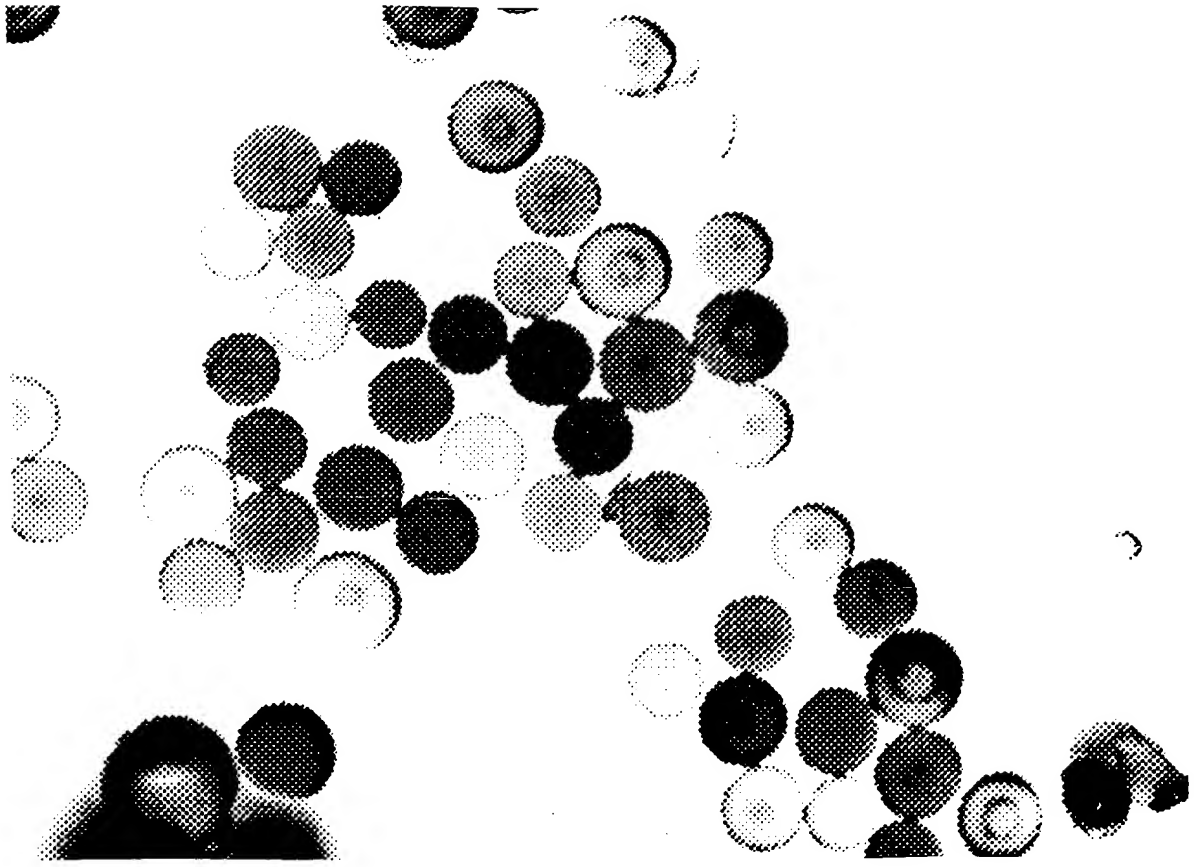

1
0.1
0.01
0 0.05 0.1 0.2 0.39 0.78 1.56 3.13 6.25 12.5 25 50
Vaccinium
CS
SPRUCE
SPROCS
SPROCS

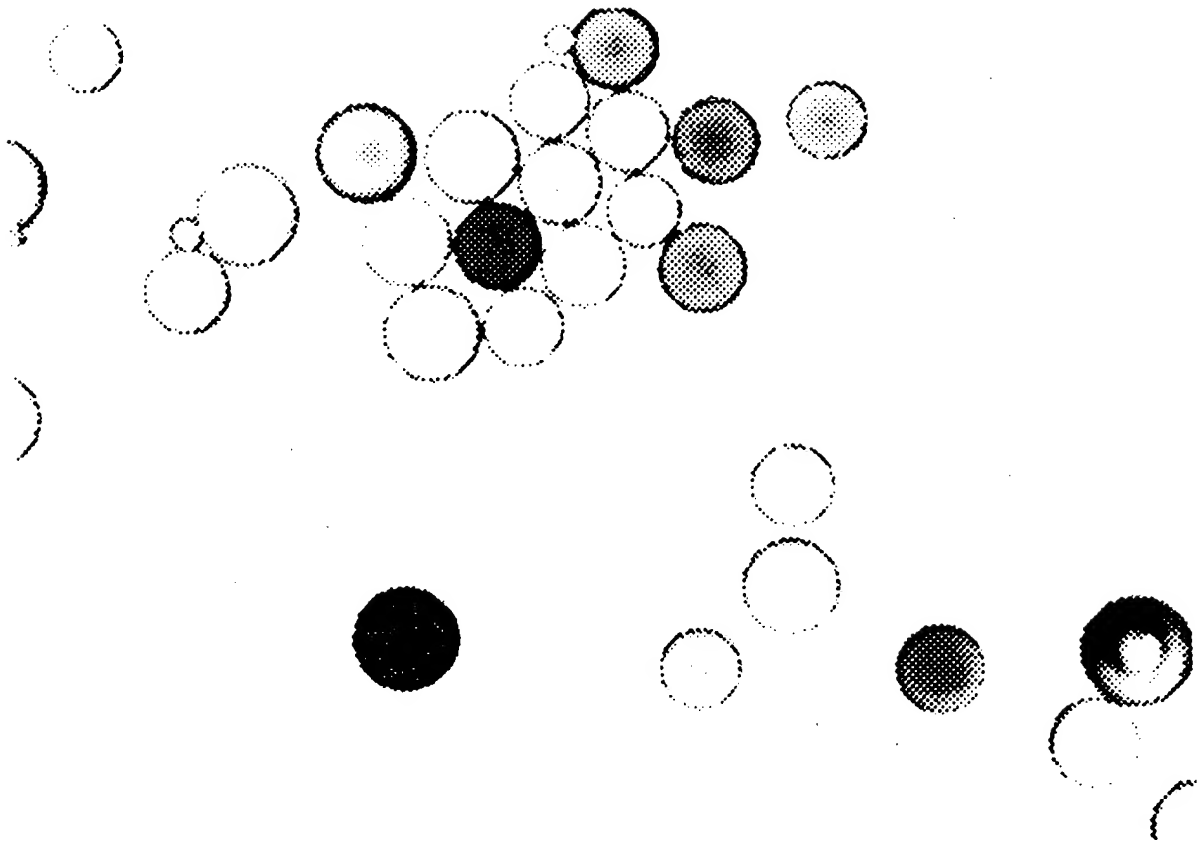
FIGURE 8D

FIGURE 9A



TDS2580 sht7 sc550

FIGURE 9B



09/936,746 09/936,746 10/29/01

WO 2004/076650 PCT/US2004/005250

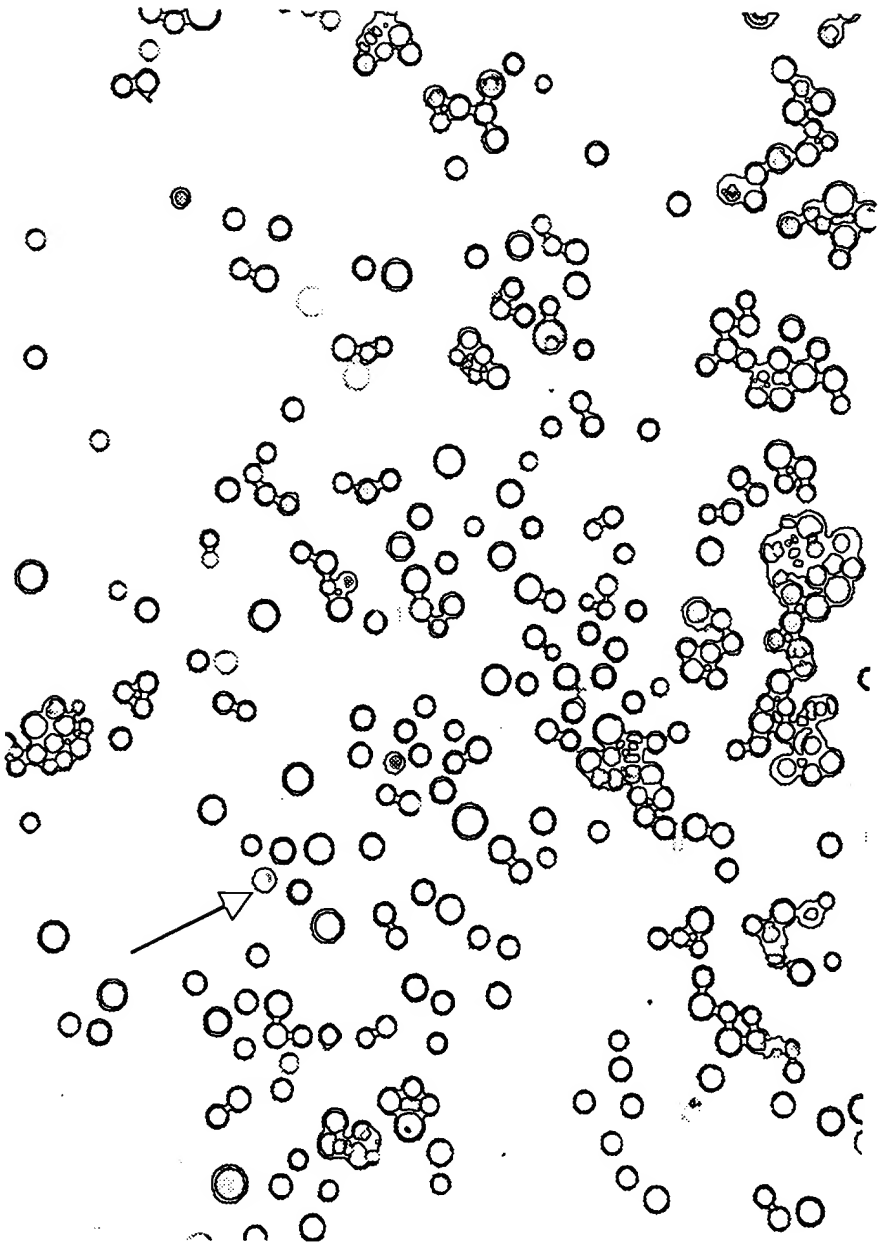
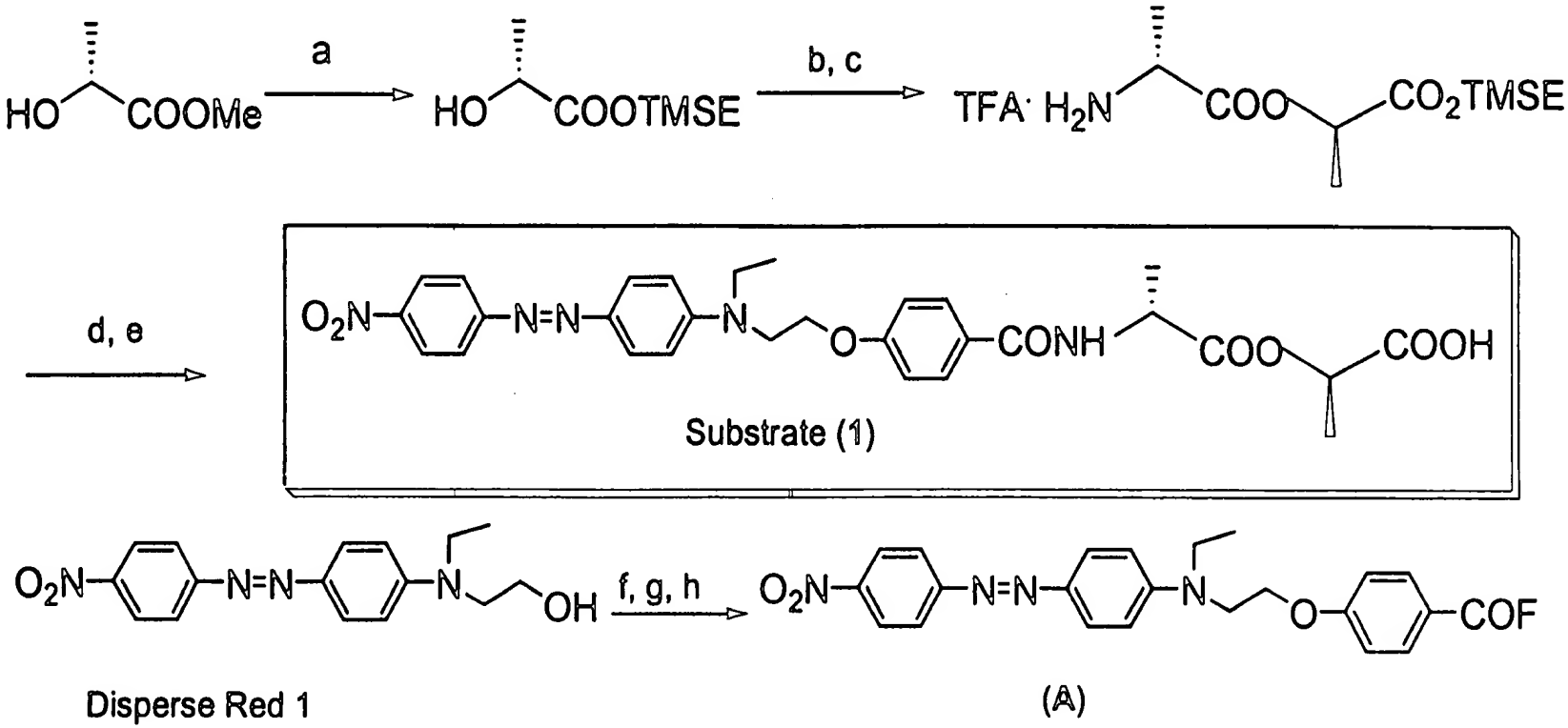


FIGURE 10

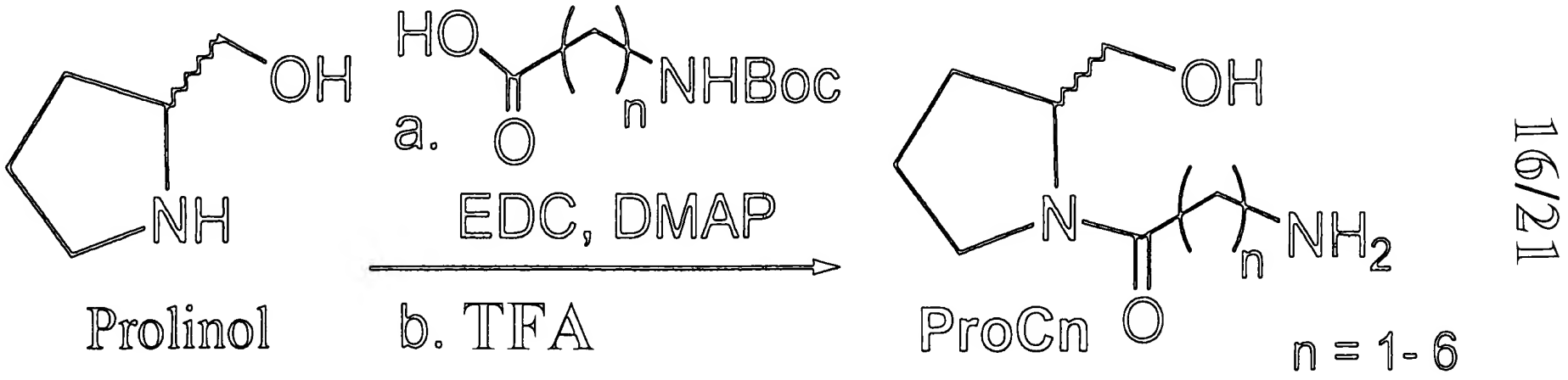
TOE280" 9h/8E660

FIGURE 11



TOE280' 9hZ8E650

FIGURE 12



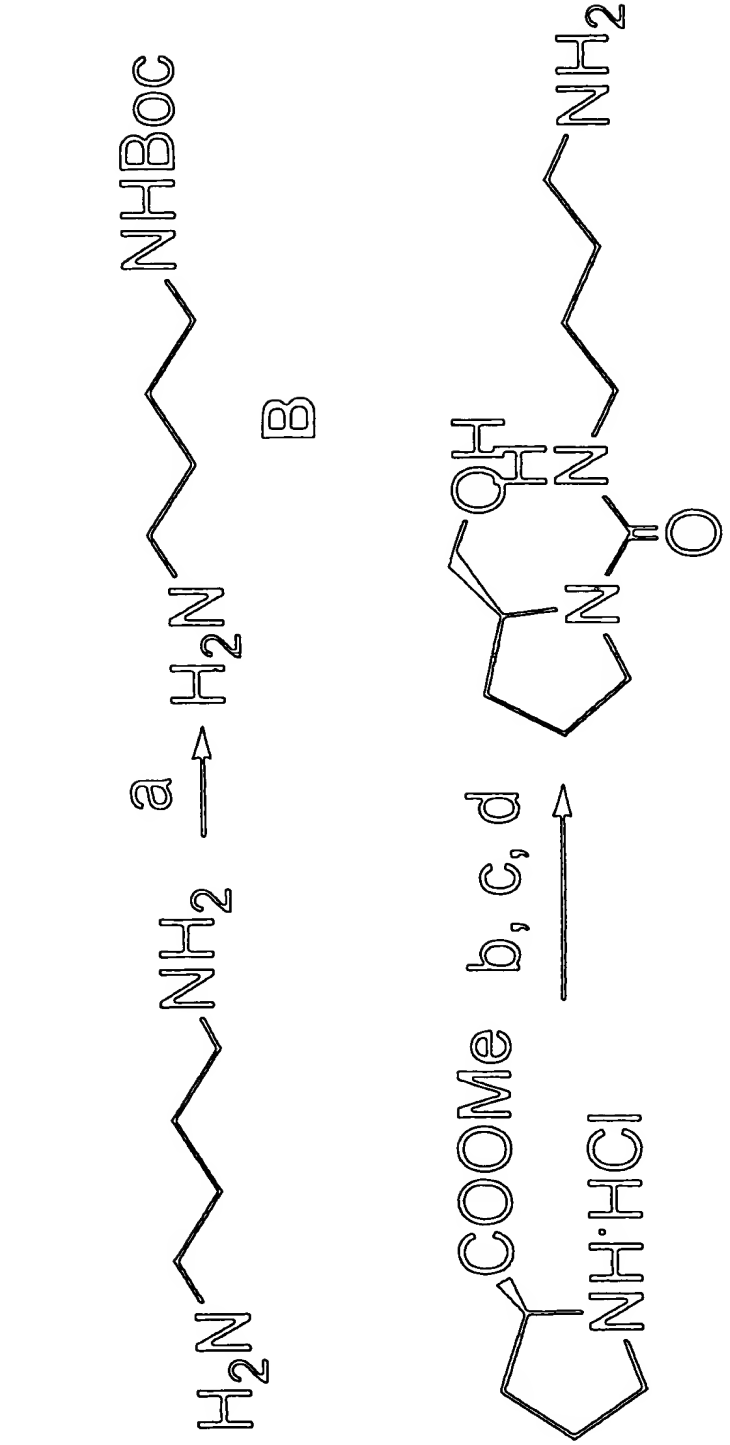



FIGURE 13

pct2003046959

TOE280" 9h289660

FIGURE 14

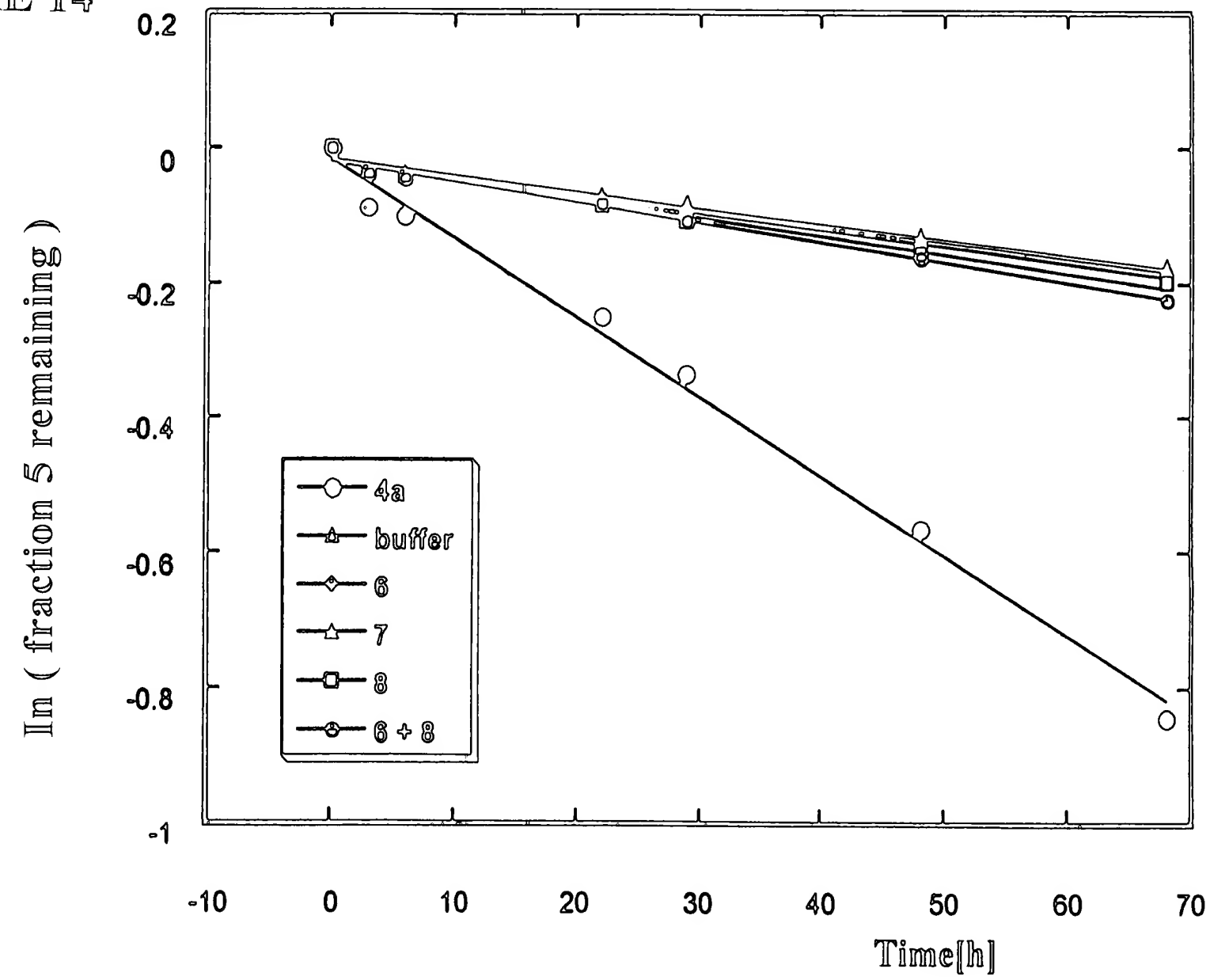


FIGURE 15

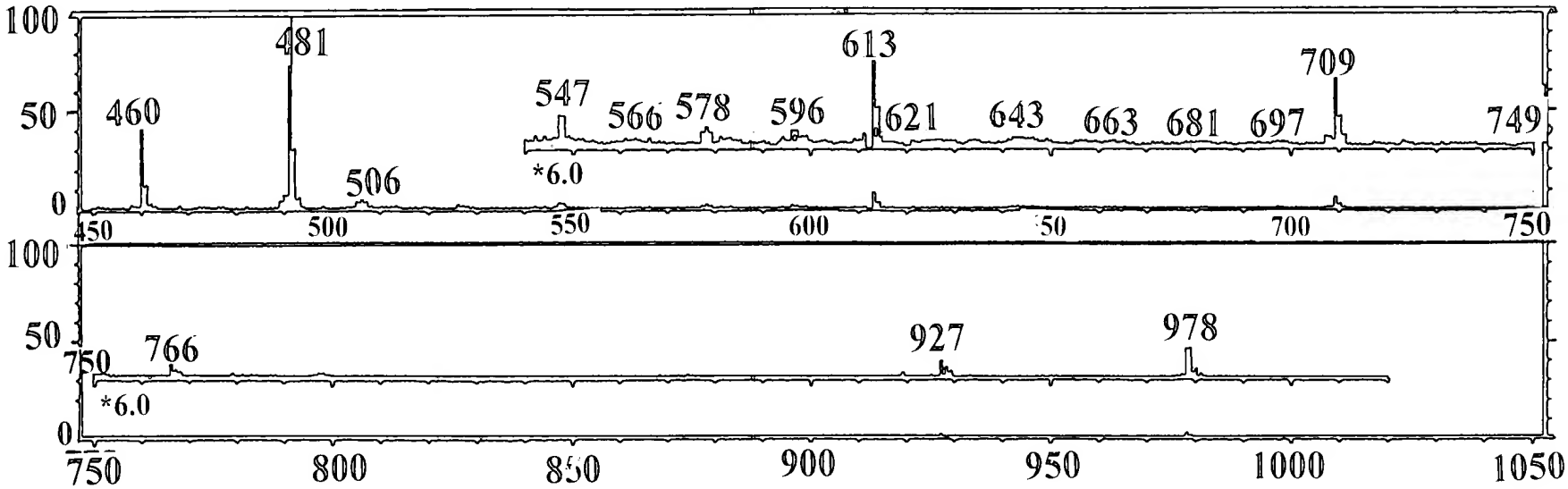
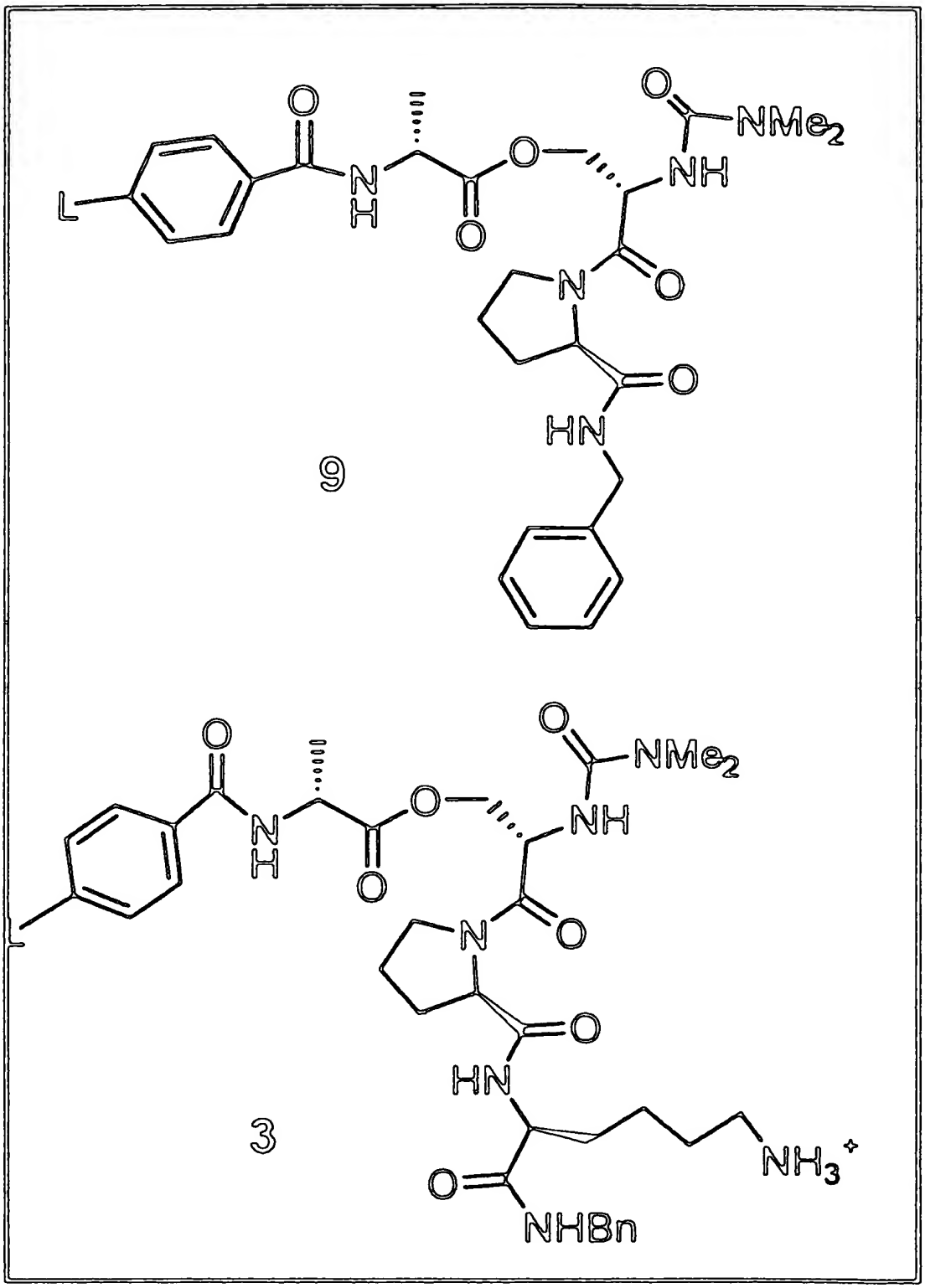

100
50
0
460
481
506
547
566
578
596
613
621
643
663
681
697
709
749
*6.0
450
500
550
600
650
700
750
100
50
0
750
766
927
978
*6.0
750
800
850
900
950
1000
1050

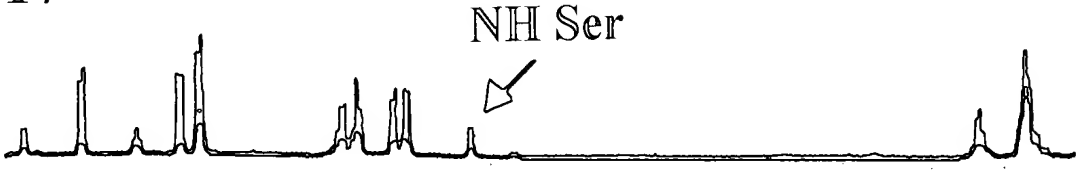
FIGURE 16



TOE280 9h7BE660

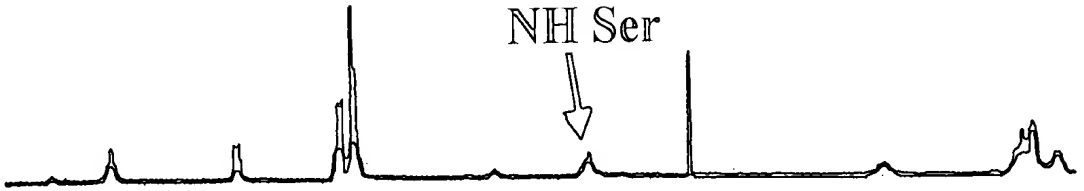
FIGURE 17

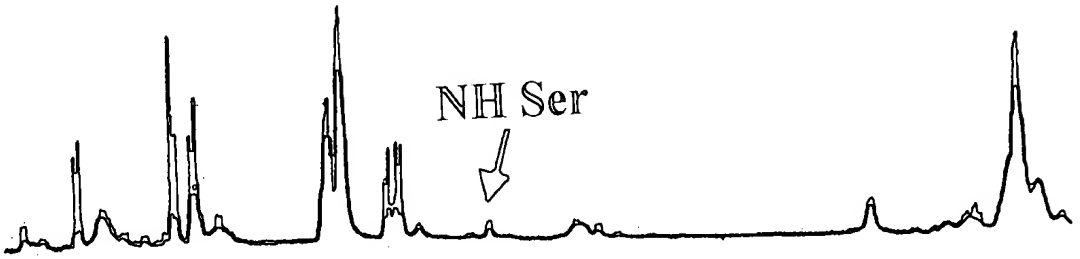
A -




H'NMR of 9

B -




H'NMR of 4a

C -